

DOCKET NO. : ISIS-5028



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re	Application of:				
	p Dan Cook, Muthiah Manoharan and nce Frank Bennett	d			
Seria	l No.: Not yet assigned	Group Art Unit: Not yet assigned			
Filing Date: Herewith		Examiner: Not yet assigned			
For:	OLIGONUCLEOTIDE CONJUGA	ATES FOR HEPATIC DELIVERY EXPRESS MAIL LABEL NO: EL926696910US DATE OF DEPOSIT: February 22, 2002			
Box	☐ Patent Application	SNOTLAGREDA			
	⊠ Sequence □ Design				
	ant Commissioner for Patents ngton, DC 20231				
Sir:					
	PATENT APPLICATION	ON TRANSMITTAL LETTER			
	Transmitted herewith for filing, plea	ase find			
\boxtimes	A Utility Patent Application under 37 C.F.R. 1.53(b).				
	It is a continuing application, as fol	lows:			
	☐ continuation ☐ divisional ☐/	ontinuation-in-part of prior application number			
	A Design Patent Application (subm	nitted in duplicate).			
	Request for Nonpublication is att	ached.			

DOCK	KET NO). : ISI	S-5028 - 2 -	PATENT
Includi	ing the	followir	ng:	
×	New or Revised Specification, including pages 1 to 135 containing:			
	\boxtimes	Specif	ication	
	\boxtimes	Claims	S	
	Abstract			
	Substitute Specification, including Claims and Abstract.			
			The present application is a continuation application of Application of the parent application which has been revise accordance with the amendments filed in the parent application of those amendments incorporate new matter into the application, the present revised Specification also does not matter.	ides the sed in tion. Since parent
			The present application is a continuation application of Application No, which in turn is a continuation Application No, filed The present application No the parent application which have incordance with the amendments filed in the parent application. Although the amendments in the parent C-I-P may have incorporated new matter, since those are the only included in the present application, the present application new matter in relation to the parent application.	n-in-part of plication as been ent application revisions
	A copy of earlier application Serial No, Filed, including Specification, Claims and Abstract (pages 1 - @@), to which no new matter has been added TOGETHER WITH a copy of the executed oath or declaration for such earlier application and all drawings and appendices. Such earlier application is hereby incorporated into the present application by reference.			o new declaration
			the following amendment to the Specification under the Cros	

☐ is a continuation of ☐ is a divisional of ☐ claims benefit of U.S. provisional

Application Serial No. ______filed _____

DOC	KET N	O.: ISIS-5028		- 3 -		PATENT
	Signe	d Statement attac	hed deleting	inventor(s) name	ed in the pri	or application.
	A Pre	A Preliminary Amendment.				
\boxtimes	21 Sheets of Formal Drawings.					
	⊠ _D	rawing view to pu	ublish: <u>16</u>			
	Petitio	on to Accept Phot	tographic Dra	awings.		
		Petition Fee				
\boxtimes	An 🗆	An Executed Unexecuted Declaration or Oath and Power of Attorney.				
	An Associate Power of Attorney.					
	An Executed Copy of Executed Assignment of the Invention to				ntion to	
		☐ A Recordat	ion Form Co	over Sheet.		
		☐ Recordation	n Fee - \$40.0	00.		
	The p	The prior application is assigned of record to				
		ty is claimed und				
	filed _	claimed:	y of each of	the above applic	cations for v	
		Please enter the	e following a	mendment to the	first senten	nce of the specification nefit of international der PCT Article 21(2)

DOCH	KET NO. : ISIS-5028	- 4 -	PATENT		
\boxtimes	Applicant(s) by its/their C.F.R. §1.27 as:	r undersigned attorney, claims s	mall entity status under 37		
•	an Independent Inv	entor			
	a Small Business C	oncern			
	a Nonprofit Organi	zation.			
\boxtimes	Diskette Containing Di	NA/Amino Acid Sequence Info	rmation.		
\boxtimes	Statement to Support S	ubmission of DNA/Amino Acid	d Sequence Information.		
\boxtimes	Sequence listing consis	ting of pages 1-18.			
	The computer readable form in this application, is identical with that filed in Application Serial Number, filed In accordance with 37 CFR 1.821(e), please use the first-filed, last-filed or only computer readable form filed in that application as the computer readable form for the instant application. It is understood that the Patent and Trademark Office will make the necessary change in application number and filing date for the computer readable form that will be used for the instant application. A paper copy of the Sequence Listing is included in the originally-filed specification of the instant application, included in a separately filed preliminary amendment for incorporation into the specification.				
	Information Disclosure	Statement.			
	☐ Attached Form	1449.			
	Copies of each enclosed herew	of the references listed on the at ith.	tached Form PTO-1449 are		
	A copy of Petition for l	Extension of Time as filed in the	e prior case.		
	Appended Material as follows:				
\boxtimes	Return Receipt Postcar	d (should be specifically itemiz	ed).		

Return Receipt Postcard (should be specifically itemized).

DOC	KET NO). : ISIS-5028		- 5 -			PATENT
	Other a	s follows:					
	·					, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•
FEE (CALCUL	ATION:					
	Cancel in this application original claims of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)					-	
			*****	SMAL	L ENTITY	NOT SM	IALL ENTITY
				RATE	FEE	RATE	FEE
DESIG	N APPLICA	ATION		\$165.00	\$	\$330.00	\$
UTILIT	ry applic	ATIONS BASE FE	E	\$370.00	\$ 370.00	\$740.00	\$
UTILITY APPLICATION; ALL CLAIMS CALCULATED AFTER ENTRY OF ALL AMENDMENTS							
		No. Filed	No. Extra	******			
~~	OTAL LAIMS	22- 20 =	2	\$9 each	\$ 18.00	\$18 each	\$
	IDEP. LAIMS	5-3=	2	\$42 cach	\$ 84.00	\$84 each	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM			\$140	\$	\$280	\$	
ADDITIONAL FILING FEE				\$		\$	
TOTAI	L FILING F	EE DUE		<u> </u>	\$ 472.00	<u> </u>	\$
\boxtimes	A Chec	ck is enclosed i	n the amo	ount of \$ <u>472</u>	2.00		
\boxtimes	The Co	ommissioner is	authorize	d to charge	payment of t	he following f	ees and to
	The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.				g the pendency		
		The foregoing	amount d	lue.			
		Any additional claims under 3	_	-	including fee	es for the prese	entation of extra
		Any additiona	l patent a	pplication pr	ocessing fee	s under 37 C.I	F.R. 1.17 or

DOCKET NO.: ISIS-5028 - 6 - PATENT

The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.

SHOULD ANY DEFICIENCIES APPEAR with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date: February 22, 2002

Registration No. 36,697

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Telephone: (215) 568-3100 Facsimile: (215) 568-3439

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Phillip Dan Cook, Muthiah Manoharan and Clarence Frank Bennett

Serial No.: Not yet assigned Group Art Unit: Not yet assigned

Filing Date: Herewith Examiner: Not yet assigned

For: OLIGONUCLEOTIDE CONJUGATES FOR HEPATIC DELIVERY

EXPRESS MAIL LABEL NO: EL926696910US DATE OF DEPOSIT: February 22, 2002

U. S. Patent and Trademark Office

Box Sequence, P.O. Box 2327 Arlington, Virginia 22202

STATEMENT TO SUPPORT FILING AND SUBMISSION IN ACCORDANCE WITH 37 CFR §§ 1.821 THROUGH 1.825

\bowtie	I hereby state, in accordance with the requirements of 37 C.F.R. §1.821(f), that the
	contents of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively are the same.
\boxtimes	I hereby state that the submission filed in accordance with 37 CFR §1.821(g) does not include new matter.
	I hereby state that the submission filed in accordance with 37 CFR §1.821(h) does not include new matter or go beyond the disclosure in the international application as filed.
	I hereby state that the amendments, made in accordance with 37 CFR §1.825(a),
	included in the substitute sheet(s) of the Sequence Listing are supported in the application, as filed, at pages I hereby state that the substitute sheet(s) of the Sequence Listing does (do) not include new matter.
	I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(b), is the same as the amended Sequence Listing.
	I hereby state that the substitute copy of the computer readable form, submitted in accordance with 37 CFR §1.825(d), contains identical data to that originally filed.

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DOCKET NO.: ISIS-5028

- 2 -

PATENT

Date: February 22,2002

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